

# Daniel Sitar

## List of Publications by Year in descending order

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60  
papers

3,738  
citations

136950  
32  
h-index

128289  
60  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug-Associated Hospital Admissions in Older Medical Patients. Journal of the American Geriatrics Society, 1988, 36, 1092-1098.	2.6	270
2	Pharmacokinetic Aspects of Theophylline in Premature Newborns. New England Journal of Medicine, 1976, 295, 413-416.	27.0	261
3	Theophylline Disposition in Patients with Hepatic Cirrhosis. New England Journal of Medicine, 1977, 296, 1495-1497.	27.0	211
4	Pill Count, Self-Report, and Pharmacy Claims Data to Measure Medication Adherence in the Elderly. Annals of Pharmacotherapy, 1998, 32, 749-754.	1.9	193
5	Clinical Pharmacokinetics of Amantadine Hydrochloride. Clinical Pharmacokinetics, 1988, 14, 35-51.	3.5	175
6	Age-related morphine kinetics. Clinical Pharmacology and Therapeutics, 1983, 34, 364-368.	4.7	168
7	Pharmacokinetics and Pharmacodynamics of Meropenem in Febrile Neutropenic Patients with Bacteremia. Annals of Pharmacotherapy, 2005, 39, 32-38.	1.9	168
8	Efficacy of ipecac-induced emesis, orogastric lavage, and activated charcoal for acute drug overdose. Annals of Emergency Medicine, 1987, 16, 838-841.	0.6	156
9	Pharmacokinetic analysis of the disposition of intravenous theophylline in young children. Journal of Pediatrics, 1976, 88, 874-879.	1.8	149
10	Treatment of Acute Otitis Media With a Shortened Course of Antibiotics. JAMA - Journal of the American Medical Association, 1998, 279, 1736.	7.4	124
11	Safe Use of the CXCR4 Inhibitor ALX40-4C in Humans. AIDS Research and Human Retroviruses, 2001, 17, 475-486.	1.1	122
12	Analytical methods validation: Bioavailability, bioequivalence and pharmacokinetic studies. International Journal of Pharmaceutics, 1992, 82, 1-7.	5.2	105
13	Whole-bowel irrigation versus activated charcoal in sorbitol for the ingestion of modified-release pharmaceuticals. Clinical Pharmacology and Therapeutics, 1989, 46, 264-271.	4.7	103
14	Ethanol dose-dependent elimination: Michaelis-Menten v classical kinetic analysis.. British Journal of Clinical Pharmacology, 1981, 12, 667-673.	2.4	87
15	Pharmacokinetics of Antimycobacterial Drugs in Patients with Tuberculosis, AIDS, and Diarrhea. Clinical Infectious Diseases, 1997, 25, 104-111.	5.8	76
16	Pharmacokinetic disposition and protein binding of furosemide in newborn infants. Journal of Pediatrics, 1978, 93, 507-511.	1.8	69
17	Gender and age as factors in the inhibition of renal clearance of amantadine by quinine and quinidine. Clinical Pharmacology and Therapeutics, 1993, 54, 23-27.	4.7	59
18	Adequacy of a Vancomycin Dosing Regimen in Patients Receiving High-Flux Hemodialysis. American Journal of Kidney Diseases, 2005, 46, 681-687.	1.9	58

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19	Clinical Pharmacokinetics of Bambuterol. <i>Clinical Pharmacokinetics</i> , 1996, 31, 246-256.	3.5	55
20	Vitamin A and risk of HIV-1 seroconversion among Kenyan men with genital ulcers. <i>Aids</i> , 2001, 15, 635-639.	2.2	50
21	How Long After Drug Ingestion Is Activated Charcoal Still Effective?. <i>Journal of Toxicology: Clinical Toxicology</i> , 2001, 39, 601-605.	1.5	49
22	Amantadine kinetics in healthy elderly men: Implications for influenza prevention. <i>Clinical Pharmacology and Therapeutics</i> , 1985, 37, 137-144.	4.7	48
23	Salicylate metabolism: Effects of age and sex in adults. <i>Clinical Pharmacology and Therapeutics</i> , 1986, 39, 571-576.	4.7	48
24	Methanol Half-Life During Ethanol Administration: Implications for Management of Methanol Poisoning. <i>Annals of Emergency Medicine</i> , 1995, 26, 202-207.	0.6	48
25	Phospholipases as mediators of amyloid beta peptide neurotoxicity: an early event contributing to neurodegeneration characteristic of Alzheimer's disease. <i>Neuroscience Letters</i> , 1998, 257, 93-96.	2.1	48
26	Pharmacokinetics of Propylthiouracil in Man After a Single Oral Dose. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1975, 40, 26-29.	3.6	46
27	The Cation Transporters rOCT1 and rOCT2 Interact with Bicarbonate but Play Only a Minor Role for Amantadine Uptake into Rat Renal Proximal Tubules. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 959-968.	2.5	43
28	Toxicokinetics of Acute Strychnine Poisoning. <i>Journal of Toxicology: Clinical Toxicology</i> , 1997, 35, 617-620.	1.5	38
29	Metabolism and renal elimination of furosemide in the newborn infant. <i>Journal of Pediatrics</i> , 1982, 101, 777-781.	1.8	35
30	The two-compartment open-system kinetic model: A review of its clinical implications and applications. <i>Journal of Pediatrics</i> , 1976, 88, 869-873.	1.8	33
31	Prophylactic amantadine dose and plasma concentrationâ€”effect relationships in healthy adults. <i>Clinical Pharmacology and Therapeutics</i> , 1985, 37, 128-136.	4.7	32
32	( $\alpha$ )Nicotine inhibits the activations of phospholipases A2 and D by amyloid $\beta$ peptide. <i>Brain Research</i> , 1998, 800, 275-281.	2.2	32
33	Nicotine doseâ€”concentration relationship and pregnancy outcomes in rat: Biologic plausibility and implications for future research. <i>Toxicology and Applied Pharmacology</i> , 2007, 218, 1-10.	2.8	32
34	Interaction between whole-bowel irrigation solution and activated charcoal: Implications for the treatment of toxic ingestions. <i>Annals of Emergency Medicine</i> , 1990, 19, 1129-1132.	0.6	30
35	The pulmonary disposition of theophylline and its influence on human alveolar macrophage bactericidal function. <i>The American Review of Respiratory Disease</i> , 1986, 134, 1225-8.	2.9	28
36	Morphine analysis by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1983, 276, 202-207.	1.7	27

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37	Amyloid beta peptide membrane perturbation is the basis for its biological effects. <i>Neurochemical Research</i> , 1999, 24, 1621-1630.	3.3	27
38	A Placebo-controlled Dose-finding Study With Bambuterol in Elderly Patients With Asthma. <i>Chest</i> , 1993, 103, 771-776.	0.8	26
39	Population Pharmacokinetics of Fentanyl in Healthy Volunteers. <i>Journal of Clinical Pharmacology</i> , 2001, 41, 757-763.	2.0	26
40	Diltiazem Overdose: Pharmacokinetics Of Diltiazem and Its Metabolites and Effect Of Multiple Dose Charcoal Therapy. <i>Journal of Toxicology: Clinical Toxicology</i> , 1991, 29, 45-52.	1.5	25
41	Effects of age and disease on the pharmacokinetics and pharmacodynamics of sulindac. <i>Clinical Pharmacology and Therapeutics</i> , 1985, 38, 228-234.	4.7	24
42	Aging and alfentanil disposition in healthy volunteers and surgical patients. <i>Canadian Journal of Anaesthesia</i> , 1989, 36, 149-154.	1.6	23
43	Effect of Anticholinergic Drugs on the Efficacy of Activated Charcoal. <i>Journal of Toxicology: Clinical Toxicology</i> , 2004, 42, 267-272.	1.5	23
44	Effect of morphine on breathing and behavior in fetal sheep. <i>Journal of Applied Physiology</i> , 1988, 64, 2058-2065.	2.5	22
45	Indomethacin and nordihydroguaiaretic acid inhibition of amyloid $\beta$ protein (25-35) activation of phospholipases A2 and D of LA-N-2 cells. <i>Neuroscience Letters</i> , 1997, 222, 5-8.	2.1	22
46	Efficacy of Ipecac During the First Hour After Drug Ingestion in Human Volunteers. <i>Journal of Toxicology: Clinical Toxicology</i> , 1997, 35, 609-615.	1.5	21
47	Potential teratogenic effects of allopurinol: A case report. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 2247-2252.	1.2	21
48	Kinetic disposition and diuretic effect of frusemide in acute pulmonary oedema.. <i>British Journal of Clinical Pharmacology</i> , 1980, 9, 471-478.	2.4	20
49	Aging and heavy drug use: A prescription survey in Manitoba. <i>Journal of Chronic Diseases</i> , 1983, 36, 75-84.	1.2	20
50	Hepatic blood flow: accuracy of estimation from infusions of indocyanine green in anaesthetized cats. <i>British Journal of Pharmacology</i> , 1987, 91, 651-659.	5.4	19
51	Chronic tobacco smoking and gender as variables affecting amantadine disposition in healthy subjects.. <i>British Journal of Clinical Pharmacology</i> , 1995, 39, 81-84.	2.4	19
52	Prenatal cigarette smoke exposure: Pregnancy outcome and gestational changes in plasma nicotine concentration, hematocrit, and carboxyhemoglobin in a newly standardized rat model. <i>Toxicology and Applied Pharmacology</i> , 2006, 214, 118-125.	2.8	19
53	Maternal and fetal ethanol pharmacokinetics and cardiovascular responses in near-term pregnant sheep. <i>Canadian Journal of Physiology and Pharmacology</i> , 1984, 62, 1435-1439.	1.4	18
54	British and Canadian views on the ethics of paediatric clinical trials. <i>European Journal of Clinical Pharmacology</i> , 2007, 63, 431-436.	1.9	17

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55	Hydroxylation and Glucuronidation of Various Xenobiotics by Hepatic Microsomes from the Fetal Lamb, Pregnant Ewe and Human Fetus. <i>Developmental Pharmacology and Therapeutics</i> , 1986, 9, 282-289.	0.2	16
56	Pharmacokinetics and pharmacodynamics of bambuterol, a long-acting bronchodilator pro-drug of terbutaline, in young and elderly patients with asthma. <i>Clinical Pharmacology and Therapeutics</i> , 1992, 52, 297-306.	4.7	16
57	The effects of sulindac and its metabolites on acute stress-induced gastric ulcers in rats*1. <i>Toxicology and Applied Pharmacology</i> , 1986, 83, 386-389.	2.8	13
58	Quantification of cefazolin in serum and adipose tissue by ultra high performance liquid chromatography-Tandem mass spectrometry (UHPLC-MS/MS): application to a pilot study of obese women undergoing cesarean delivery. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 94-98.	2.3	13
59	Amantadine acetylation may be effected by acetyltransferases other than NAT1 or NAT2. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998, 76, 701-706.	1.4	11
60	Theophylline-7 <sup>12</sup> -d-Ribofuranoside (Theonosine), a New Theophylline Metabolite Generated in Human and Animal Lung Tissue. <i>Pharmaceutics</i> , 2017, 9, 28.	4.5	1